



Heigan's Dance

by Arya "Aurochsen of Illidan" Akhavan (May 2013)

Angles for R.I. = 1.630

57 + 8 girdles = 65 facets

4-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.150 U/W = 0.150

P/W = 0.543 C/W = 0.185

Vol./W³ = 0.291

PAVILION

P1	43.44°	04-20-28-44-52-68-76-92	Cut to centerpoint.
P2	41.69°	10-14-34-38-58-62-82-86	Meet at culet.
G1	90.00°	96-24-48-72	Set stone size.
G2	90.00°	12-36-60-84	Meet P1, P2, G1
P3	65.34°	96-24-48-72	Level girdle.
P4	55.41°	12-36-60-84	Level girdle.

CROWN

C1	33.18°	96-24-48-72	Set girdle width.
C2	33.18°	12-36-60-84	Level girdle.
C3	25.46°	01-23-25-47-49-71-73-95	Meet G1, G2, C1, C2
C4	20.05°	09-15-33-39-57-63-81-87	Meet G1, G2, C1, C2, C3
C5	24.90°	96-24-48-72	Meet C1, C3
C6	16.88°	96-24-48-72	Meet C3, C4, C5
T	0.00°	Table	Meet C4, C6

Can you count to four? Can you notice when the ground is exploding with fire? If so, then you should be able to safely navigate Heigan's dance floor! Unfortunately, some people have difficulty with this absurdly basic task. Works in materials from quartz to CZ (RI = 1.54 - 2.16) with no changes, but I prefer it in apatite.

Suggested size = 6-12 mm

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